

and service. I urge my colleagues to join me in saluting Al and Marge Fishman and pay tribute to them, together with Peace Action of Michigan in continuing the fight for peace and justice.

DEPARTMENT OF ENERGY UNIVERSITY NUCLEAR SCIENCE AND ENGINEERING ACT

HON. JUDY BIGGERT

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

Tuesday, June 12, 2001

Mrs. BIGGERT. Mr. Speaker, today I introduced the Department of Energy University Nuclear Science and Engineering Act, the text of which follows:

H.R.—

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

**SECTION 1. SHORT TITLE.**

This Act may be cited as “Department of Energy University Nuclear Science and Engineering Act”.

**SEC. 2. FINDINGS.**

The Congress finds the following:

(1) U.S. university nuclear science and engineering programs are in a state of serious decline. The supply of bachelor degree nuclear science and engineering personnel in the United States is at a 35-year low. The number of four year degree nuclear engineering programs has declined 50 percent to approximately 25 programs nationwide. Over two thirds of the faculty in these programs are 45 years old or older.

(2) Universities cannot afford to support their research and training reactors. Since 1980, the number of small training reactors in the United States have declined by over 50 percent to 28 reactors. Most of these reactors were built in the late 1950's and 1960's with 30- to 40-year operating licenses, and will require re-licensing in the next several years.

(3) The neglect in human investment and training infrastructure is affecting 50 years of national R&D investment. The decline in a competent nuclear workforce, and the lack of adequately trained nuclear scientists and engineers, will affect the ability of the United States to solve future waste storage issues, operate existing and design future fission reactors in the United States, respond to future nuclear events worldwide, help stem the proliferation of nuclear weapons, and design and operate naval nuclear reactors.

(4) Future neglect in the nation's investment in human resources for the nuclear sciences will lead to a downward spiral. As the number of nuclear science departments shrink, faculties age, and training reactors close, the appeal of nuclear science will be lost to future generations of students.

(5) Current projections are that 50 percent of industry's nuclear workforce can retire 10 to 15 years, and 76 percent of the nuclear workforce at our national labs can retire in the next 5 years. A new supply of trained scientists and engineers to replace this retiring workforce is urgently needed.

(6) The Department of Energy's Office of Nuclear Energy, Science and Technology is well suited to help maintain tomorrow's human resource and training investment in the nuclear sciences. Through its support of research and development pursuant to the Department's statutory authorities, the Office of Nuclear Energy, Science and Technology is the principal federal agent for ci-

vilian research in the nuclear sciences for the United States. The Office maintains the Nuclear Engineering and Education Research Program which funds basic nuclear science and engineering. The Office funds the Nuclear Energy and Research Initiative which funds applied collaborative research among universities, industry and national laboratories in the areas of proliferation resistant fuel cycles and future fission power systems. The Office funds Universities to refuel training reactors from highly enriched to low enriched proliferation tolerant fuels, performs instrumentation upgrades and maintains a program of student fellowships for nuclear science and engineering

**SEC. 3. DEPARTMENT OF ENERGY PROGRAM.**

(a) ESTABLISHMENT.—The Secretary of Energy, through the Office of Nuclear Energy, Science and Technology, shall support a program to maintain the nation's human resource investment and infrastructure in the nuclear sciences and engineering consistent with the Department's statutory authorities related to civilian nuclear research and development.

(b) DUTIES OF THE OFFICE OF NUCLEAR ENERGY, SCIENCE AND TECHNOLOGY.—In carrying out the program under this Act, the Director of the Office of Nuclear Science and Technology shall—

(1) develop a robust graduate and undergraduate fellowship program to attract new and talented students,

(2) assist universities in recruiting and retaining new faculty in the nuclear sciences and engineering through a Junior Faculty Research Initiation Grant Program;

(3) maintain a robust investment in the fundamental nuclear sciences and engineering through the Nuclear Engineering Education Research Program,

(4) encourage collaborative nuclear research between industry, national laboratories and universities through the Nuclear Energy Research Initiative; and

(5) support communication and outreach related to nuclear science and engineering.

(c) MAINTAINING UNIVERSITY RESEARCH AND TRAINING REACTORS AND ASSOCIATED INFRASTRUCTURE.—Within the funds authorized to be appropriated pursuant to this Act, the amounts specified under section 4(b) shall, subject to appropriations, be available for the following research and training reactor infrastructure maintenance and research:

(1) Refueling of research reactors with low enriched fuels, upgrade of operational instrumentation, and sharing of reactors among universities.

(2) In collaboration with the U.S. nuclear industry, assistance, where necessary, in re-licensing and upgrading training reactors as part of a student training program.

(3) A reactor research and training award program that provides for reactor improvements as part of a focused effort that emphasizes research, training, and education.

(d) UNIVERSITY-DOE LABORATORY INTERACTIONS.—The Secretary of Energy, through the Office of Nuclear Science and Technology, shall develop—

(1) a sabbatical fellowship program for university professors to spend extended periods of time at Department of Energy, laboratories in the areas of nuclear science and technology; and

(2) a visiting scientist program in which laboratory, staff can spend time in academic nuclear science and engineering departments. The Secretary may under section 3(b)(1) provide for fellowships for students to spend time at Department of Energy laboratories in the area of nuclear science under the mentorship of laboratory staff.

(e) OPERATIONS AND MAINTENANCE.—For the research programs described, portions there-

of may be used to supplement operation of the research reactor during investigator's proposed effort provided the host institution provides cost sharing in the reactor's operation.

(f) MERIT REVIEW REQUIRED.—All grants, contracts, cooperative agreements, or other financial assistance awards under this Act shall be made only after independent merit review.

**SEC. 4. AUTHORIZATION OF APPROPRIATIONS.**

(a) TOTAL AUTHORIZATION.—The following sums are authorized to be appropriated to the Secretary of Energy, to remain available until expended, for the purposes of carrying out this Act:

(1) \$30,200,000 for fiscal year 2002.

(2) \$42,000,000 for fiscal year 2003.

(3) \$47,850,000 for fiscal year 2004.

(4) \$55,600,000 for fiscal year 2005.

(5) \$64,100,000 for fiscal year 2006.

(b) GRADUATE AND UNDERGRADUATE FELLOWSHIPS.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3 (b) (1):

(1) \$3,000,000 for fiscal year 2002.

(2) \$3,100,000 for fiscal year 2003.

(3) \$3,200,000 for fiscal year 2004.

(4) \$3,200,000 for fiscal year 2005.

(5) \$3,200,000 for fiscal year 2006.

(c) JUNIOR FACULTY RESEARCH INITIATION GRANT PROGRAM.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3(b)(2):

(1) \$5,000,000 for fiscal year 2002.

(2) \$7,000,000 for fiscal year 2003.

(3) \$8,000,000 for fiscal year 2004.

(4) \$9,000,000 for fiscal year 2005.

(5) \$10,000,000 for fiscal year 2006.

(d) NUCLEAR ENGINEERING AND EDUCATION RESEARCH PROGRAM.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3 (b) (3):

(1) \$8,000,000 for fiscal year 2002.

(2) \$12,000,000 for fiscal year 2003.

(3) \$13,000,000 for fiscal year 2004.

(4) \$15,000,000 for fiscal year 2005.

(5) \$20,000,000 for fiscal year 2006.

(e) COMMUNICATION AND OUTREACH RELATED TO NUCLEAR SCIENCE AND ENGINEERING.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3(b)(5):

(1) \$200,000 for fiscal year 2002.

(2) \$200,000 for, fiscal year 2003.

(3) \$300,000 for fiscal year 2004.

(4) \$300,000 for fiscal year 2005.

(5) \$300,000 for fiscal year 2006.

(f) REFUELING OF RESEARCH REACTORS AND INSTRUMENTATION UPGRADES.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3(c)(1):

(1) \$6,000,000 for fiscal year 2002.

(2) \$6,500,000 for fiscal year 2003.

(3) \$7,000,000 for fiscal year 2004.

(4) \$7,500,000 for fiscal year 2005.

(5) \$8,000,000 for fiscal year 2006.

(g) RE-LICENSING ASSISTANCE.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3(c)(2):

(1) \$1,000,000 for fiscal year 2002.

(2) \$1,100,000 for fiscal year 2003.

(3) \$1,200,000 for fiscal year 2004.

(4) \$1,300,000 for fiscal year 2005.

(5) \$1,300,000 for fiscal year 2006.

(h) REACTOR RESEARCH AND TRAINING AWARD PROGRAM.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3(c)(3):

(1) \$6,000,000 for fiscal year 2002.

(2) \$10,000,000 for fiscal year 2003.

(3) \$14,000,000 for fiscal year 2004.

(4) \$18,000,000 for fiscal year 2005.

(5) \$20,000,000 for fiscal year 2006.

(i) UNIVERSITY—DOE LABORATORY INTER-ACTIONS.—Of the funds under subsection (a), the following sums are authorized to be appropriated to carry out section 3(d):

(1) \$1,000,000 for fiscal year 2002.

(2) \$1,100,000 for fiscal year 2003.

(3) \$1,200,000 for fiscal year 2004.

(4) \$1,300,000 for fiscal year 2005.

(5) \$1,300,000 for fiscal year 2006.

#### ADDITIONAL SPONSORS

Pursuant to Clause 4 of rule XXII of the Rules of the House of Representatives, the following sponsors are hereby added to the bill:

Tammy Baldwin, Roscoe Bartlett, Joe Knollenberg, Vernon Ehlers, Michael Simpson, Darlene Hooley, Heather Wilson, Ted Strickland, C.L. "Butch" Otter, and Ken Calvert.

### THE COAST GUARD AUTHORIZATION ACT OF 2002

SPEECH OF

**HON. ROBERT A. UNDERWOOD**

OF GUAM

IN THE HOUSE OF REPRESENTATIVES

*Thursday, June 7, 2001*

The House in Committee of the Whole House on the State of the Union has under consideration the bill (H.R. 1699) to authorize appropriations for the Coast Guard for fiscal year 2002:

Mr. UNDERWOOD. Mr. Chairman, I rise today in strong support of H.R. 1699, the Coast Guard Authorization Act for FY 2002. I would like to commend Chairman DON YOUNG, Ranking Member JIM OBERSTAR and all my colleagues for their hard work on this important legislation.

As a proud member of the Congressional Coast Guard Caucus, I would like to point out the hard work and dedication that each guardsmen and women gives each day to our nation. The United States Coast Guard is the nation's oldest and premier maritime agency.

H.R. 1699 authorizes \$5.3 billion for Coast Guard programs and activities for FY 2002, which include a complex but necessary array of missions that effect the core of this nation in the areas of national defense, commerce, law enforcement, the environment, and life-saving. This authorization outlines an additional \$300 million more than the President's request which will provide for a robust and fully operational Coast Guard. Anything less would seriously undercut the Coast Guard's longstanding and distinguished service protecting the nation's critical maritime interests.

I am especially happy that the measure provides at least \$338 million for the Deepwater modernization program, which is vital toward the continuing efforts to restore the Coast Guard's readiness to a level appropriate to sustain its missions and reconstitute an aging fleet of ships and airplanes.

My home island of Guam has a special relationship with the Coast Guard. The Coast Guard plays a critical role in enforcing the island's 200-mile zone created by the Fishery Conservation and Management Act of 1976, which quadruples the offshore fishing area controlled by the United States, by conducting and coordinating search and rescue operations and licensing and regulating safety and commercial boating rules.

Over the past several years, Guam has experienced a large influx of Chinese illegal immigrants. Chinese crime syndicates organize boatloads of poor Chinese citizens to illegally enter the United States for exorbitant fees per person. According to the Immigration and Naturalization Service, in 2000 about 500 illegal Chinese immigrants were apprehended by the Coast Guard, INS and Guam officials.

The Marianas section of the Coast Guard, stationed out in Guam, has been tasked to interdict, when possible, these dilapidated Chinese vessels that are transporting these illegal immigrants. The local command, which is currently undermanned and over extended, is doing the impossible under such circumstances. I commend the Coast Guard for their tireless efforts to mitigate the influx of illegal immigrants to Guam.

We are all proud of the incredible work that the men and women of the Coast Guard do for our nation every day. With that, I strongly urge passage of this authorization.

IN HONOR OF FERNANDO NUESI

**HON. EDOLPHUS TOWNS**

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, June 12, 2001*

Mr. TOWNS. Mr. Speaker, I rise today to honor Fernando Nuesi, a native of the Dominican Republic. Mr. Nuesi is currently residing in the Cypress Hills section of East New York, Brooklyn. He is devoted to making his community a better place in which to live and work.

Fernando Nuesi was born and raised in Puerto Plata. He obtained his pilot's license from Pan American Aviation Academy in 1982. He is also a graduate of Bronx Community College. Fernando decided to take on a new venture by opening the Atlantic Car Service Base. This was a much needed transportation service for the East New York Community. His company provided around-the-clock service for all the boroughs, airports and connecting states.

In 1989, Fernando furthered his entrepreneurship with his Used Car Dealership. He sells automobiles, both wholesale and retail, to the community and people all over the world. He has lived in the East New York area for over 24 years; he often expresses the pleasure he has in working and living in the same community. Fernando and his family are loyal members of Blessed Sacrament RC Church.

Mr. Speaker, Fernando Nuesi has been an extremely positive force in his community for several years. As such, he is more than deserving of receiving our recognition today, and I hope that all of my colleagues will join me in honoring this truly outstanding man.

### OFFICIAL LIST OF HOUSE 2000-2001 PAGE CLASS

**HON. JOHN SHIMKUS**

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, June 12, 2001*

Mr. SHIMKUS. Mr. Speaker, with appreciation and recognition of their service to this Institution, I am once again submitting a complete list of all the individuals who served as part of the 2000-2001 House Page class. The

list that appeared in the CONGRESSIONAL RECORD dated June 7 was not complete and I wanted to make certain the entire class was appropriately and officially recognized.

Jessica Adams, Narvell Arnold, Camille Baldwin, Erika Ball, Ashleigh Barker, Erin Baumann, Jane Bee, Kristin Blanchet, Christopher Bohannon, and Seth Brostoff.

Michael Byers, Ilona Carroll, Alesia Cheatham, Aaron Clayson, Eric Colleary, Joshua Cornelissen, Jason Davis, Kelly DiBisceglie, Adam Estes, and Jennifer Evans.

Lauren Favret, Corey Fitze, Brian Footer, Dane Genter, Ann Grants, Erin Grundy, Ryan Gualdoni, Allison Hamil, Leon Harris, and Ashley Harrison.

Brian Henry, Christin Huisman, Sarah Hulse, Audra Jones, Benjamin Kaiser, Sarah Kozel, Jeff Leider, Christina Lemke, Bradley Loomis, and Claire Markgraf.

Benjamin Melitz, Nicholas Mentone, Brett Moore, Gregory Muck, Richard Nguyen, Charzetta Nixon, Amber Polk, William Pouch, Barry Pump, and Sean Ready.

Jana Reed, Bethany Ruscello, Julia Sargeant, Kristin Saybe, Sarah Schleck, Sarah Seipelt, Brittany Sisk, Ben Snyder, Christopher Sprowls, and Martha Stebbins.

Paul Stone, Ryan Tanner, Carin Taormino, Robert Terrell, Chapman Thompson, Stephanie Vermeesch, Robert Wehagen, Sarah Williford, Jason Williquette, and Bradley Wilson.

### EXPRESSING SORROW OF THE HOUSE AT THE DEATH OF THE HONORABLE JOHN JOSEPH MOAKLEY, A REPRESENTATIVE FROM THE COMMONWEALTH OF MASSACHUSETTS

SPEECH OF

**HON. JAMES P. MCGOVERN**

OF MASSACHUSETTS

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, June 6, 2001*

Mr. MCGOVERN. Mr. Speaker, I submit to the RECORD remarks by the Rev. Robert E. Casey, Pastor of St. Brigid's Church in South Boston and the remarks of Cardinal Bernard Law at the funeral mass for the late Honorable JOHN JOSEPH MOAKLEY.

SERMON—VIGIL SERVICE FOR CONGRESSMAN  
JOHN "JOSEPH" MOAKLEY

(By Rev. Robert E. Casey)

Today, tomorrow, and Friday, have been set aside to remember Congressman "Joe" Moakley. We come to this Church tonight to pray for Joe, and to be comforted by the words of our Lord. I think it is fitting that we come here to Saint Brigid's, because it was here that Joe came to pray. It was here that Joe came to be comforted by his Lord. It was here that Joe came to be strengthened by his Lord.

I do not stand here tonight, pretending that I knew Joe well. I knew of him for many years through his work in congress, especially from his many efforts to bring justice for the six murdered Jesuits in El Salvador. I first met him a year ago, when I arrived here as the new pastor, and I remember him patting me on the back after mass and with a big smile—welcoming me to Saint Brigid's. I suppose I am like most people, who are not a longtime friend, or a close relative that knew him intimately. But like the many who knew Joe from a distance, from the